and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL LETTER TO THE UNITED STATES

ATTTORNEY'S DOCKET NUMBER

DEGIGNATED/ELECTED	OFFICE (DO/FO/HS)	N&N-111US
DESIGNATED/ELECTED CONCERNING A SUBMISSION	•	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/589,550
INTERNATIONAL APPLICATION NO. PCT/KR2004/002682	INTERNATIONAL FILING DATE 20 October 2004 (20.10.2004)	PRIORITY DATE CLAIMED 20 February 2004 (20.02.2004)
TITLE OF INVENTION METHOD AND APPARATU	S OF TRANSMITTING PERSONAL INFORMAT	ION IN SUBSCRIBER-BASED RINGBACK TONE SERVICE
APPLICANT(S) FOR DO/EO/US Yeong-Tae NO	D; Sang-Yun LEE; Hee-Hyeok HAHM; k	Ki-Mun KIM; Jae-Young PARK; Soon-Ki HWANG
Applicant herewith submits to the United Sta	ates Designated/Elected Office (DO/EC	D/US) the following items and other information:
1. This is a FIRST submission of items co	ncerning a submission under 35 U.S.C. 371	- 
2. This is a SECOND or SUBSEQUENT s	ubmission of items concerning a submissio	n under 35 U.S.C. 371.
3. This is an express request to begin nation (5), (6), (9) and (21) indicated below.	onal examination procedures (35 U.S.C. 37	1(f)). The submission must include items
4.  The US has been elected (Article 31).		
5. A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))	
a. is attached hereto (required	only if not communicated by the Internation	nal Bureau).
b. has been communicated by	the International Bureau.	
c. is not required, as the applic	cation was filed in the United States Receive	ing Office (RO/US).
6. An English language translation of the	e International Application as filed (35 U.S.C	C. 371(c)(2)).
a. is attached hereto.		
b. has been previously submit	ted under 35 U.S.C. 154(d)(4).	
7. Amendments to the claims of the Inte	rnational Application under PCT Article 19 (	(35 U.S.C. 371(c)(3))
a. are attached hereto (requi	red only if not communicated by the Interna	tional Bureau).
b. have been communicated	by the International Bureau.	
c. have not been made; howe	ever, the time limit for making such amendn	nents has NOT expired.
d. Have not been made and v	will not be made.	
8. An English language translation of th	e amendments to the claims under PCT Art	ticle 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).	
An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT
Items 11 to 20 below concern document(s	) or information included:	
11. An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.	
12. An assignment document for recording	g. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.		
14. An Application Data Sheet under 37 C	CFR 1.76.	
15. A substitute specification.		
16. A power of attorney and/or change of	address letter.	
17. A computer-readable form of the sequ	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.
18. A second copy of the published Intern	national Application under 35 U.S.C. 154(d)	(4).
	ge translation of the international application	under 35 U.S.C. 154(d)(4).
20. Other items or information: Return F	Postcard; Certificate of Express M	lail; PTO-2038; Extension of Time

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The following fees have been submitted  21.		NO. (if known, see 37 CFR 1.5) 0/589,550	INTERNATIONAL A		ATTORNEY'S DO N&N-1	
21. Samination fee (37 CFR 1.492(a)) 22. Samination fee (37 CFR 1.492(a)) 32. Samination fee (37 CFR 1.492(a)) 33. Samination fee (37 CFR 1.492(a)) 34. Other situations. 35. All other situations fees all claims satisfy provisions of PCT Article 32(1)(4). 35. Samination fees (37 CFR 1.492(a)) 35. Samination fees (37 CFR 1.492(b)) 36. Samination propagated by ISAUS or the international preliminary examination report prepared by ISAUS or the international policition and the USPTO as an international Searching Authority on ISA other than the US and provided to the OSP of Article 32(1)(4). 36. Samination is sampled to the ISB of the IS			1	1,002002		
22. Examination fee (37 CPR 1-482(c)) International preliminary oxamination report prepared by IPEAUS indicates at claims satisfy provisions of PCT Article 33(1)-(4)	_			\$300		PTO USE ONLY
if the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisty provisions of PCT Article 3(1)-(4)	22. Examination If the written opinion p by IPEA/US indicate	on fee (37 CFR 1.492(c)) repared by ISA/US or the Interness all claims satisfy provisions o	national preliminary examina f PCT Article 33(1)-(4)	ation report prepared		İ
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium; The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets	If the written opinion p by IPEA/US indicate Search fee (37 CFR 1 an International Sea International Search R previously commun	repared by ISA/US or the Interres all claims satisfy provisions of 44(a)(2)) has been paid on the arching Authority	of PCT Article 33(1)-(4) international application to than the US. and provided	\$0 the USPTO as\$100 to the Office or\$400		
sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets	TOTA	L OF 21, 22 and 23 =		-1 -1'	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE  Total claims -20 =	sequence listing of The fee is \$250 for	or computer program listing filed or each additional 50 sheets of p tra Sheets Number of each	in an electronic medium). paper or fraction thereof. additional 50 or fraction	-		
claimed priority date (37 CFR 1.492(p)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE  Total claims					\$	
Total claims			tion later than 30 months fro	om the earliest	\$ 130	
Independent claims  -3 =	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	·	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CALCULATIONS = \$ 130  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 130  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ 130  TOTAL FEES ENCLOSED = \$ 130  A check in the amount of \$ 130  A check in the amount of \$ 130  Please charge my Deposit Account No. in the amount of \$ 130  A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit the Account No. 18-0350. A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit the Account No. 18-0350. A duplicate copy of this sheet is enclosed.  Fees are to be charged to a credit card. WARNING: Information on this form may \$26666692860FFF64dit \$3676117 138,88 0P  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filled and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Customer Number 23122  OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  Ratner Prestia, P.O. Box 1996, Wilmington, DE 19899  A state Prestia, P.O. Box 1996, Wilmington, DE 19899	Total claims	- 20 =		× \$ 50	\$	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 130  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 130  Amount to be refunded: \$ Amount to be charged: \$ 130  A check in the amount of \$	Independent claims	- 3 =		× \$200	\$	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 130  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest than 30 months from 4 months from 5 months form 4 months from 4 months 5 months form 4 months from	MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)		+ \$360	\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$ 130  Amount to be refunded: \$ Amount to be refunded: \$ Amount to be charged: \$ 130  A check in the amount of \$			TOTAL OF ABOVE	CALCULATIONS =	\$ 130	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	Applicant claims s	mall entity status. See 37 CFR	1.27. Fees above are redu	ced by 1/2.		
TOTAL NATIONAL FEE = \$ 130  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$ 130	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			anslation later than 30 mon		\$	
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Amount to be refunded:  Amount to be charged:  \$ 130  a. A check in the amount of \$				ust be accompanied +	\$	
a. A check in the amount of \$			TOTAL F	EES ENCLOSED =	\$ 130	
a. A check in the amount of \$ to cover the above fees is enclosed.  b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. \( The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit to Account No18-0350, A duplicate copy of this sheet is enclosed.  d. \( \text{Fees are to be charged to a credit card. WARNING: Information on this form may be required, or credit any overpayment to Deposit to Account No	· ···					\$
b. Please charge my Deposit Account No						\$ 130
b. Please charge my Deposit Account No	a. A check in th	ne amount of \$	to cover the abo	ove fees is enclosed.		
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 18-0350 . A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may \$36666870 \text{REPODIFFE}\$ Feedit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 139.00 OP  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Customer Number  OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit any overpayment to Deposit t Account No. 18-0350 or credit Account No. 18-0350 or c			in the amount of	\$ to co	over the above fees.	
Fees are to be charged to a credit card. WARNING: Information on this form may \$26666 \$200 IE. Gredit card information and authorization on PTO-2038 17 130.00 OP  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Customer Number  OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  Annual Prestia, P.O. Box 1596, Wilmington, DE 19899  Annual Prestia, P.O. Box 1596, Wilmington, DE 19899	c.  The Commiss	sioner is hereby authorized to c		hich may be required,	or credit any overpayme	nt to Deposit t
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Customer Number  23122  OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  Annual Prestia, P.O. Box 1596, Wilmington, DE 19899  41,738	d 🗸 Eoos ara ta b	e charged to a gradit card WAI	PNING: Information on this	form may BBCGAGGAGA ation on PTO-2038617	ole:Reydait 2900 A117 m.19	
SIGNATURE  OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  Annual Signature  Jacques L. Etkowicz  NAME  41,738	NOTE: Where an app	ropriate time limit under 37 C	FR 1.495 has not been me			
SIGNATURE  OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  Annual Signature  Jacques L. Etkowicz  NAME  41,738	SEND ALL CORRESP	ONDENCE TO:		l.	101/2	
OR  Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  All Prestia, P.O. Box 1596, Wilmington, DE 19899  All Prestia, P.O. Box 1596, Wilmington, DE 19899			7		ET	
Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482  RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899  41,738			_		kowicz	
RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899	Ratner Prestia, P		19482		NO VY IUZ	
	RatnerPrestia, P.	O. Box 1596, Wilmington, DE	19899			
	Date : July	3, 2007			ON NUMBER	



### United States Patent and Trademark Office

( N / N - 1/1/US

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER	NO MONTH MANUEL	<b>"IRS</b> T NAMED APPLICANT	ATT	Y. DOCKET NO.
10/589,550	KEL THE	Yeong-Tae No		&N-111US
	1 1 0007	<b>1</b>	INTERNATIONAL AP	PLICATION NO.
	APR 1 1 2007		PCT/KR04	/02682
23122			I.A. FILING DATE	PRIORITY DATE
RATNERPRESTIA P O BOX 980	Ratneri'i estia		10/20/2004	02/20/2004
VALLEY FORGE, PA 19482	2-0980		CONFIRM	ATION NO. 8532
Missing Roy.	Due 6/9/0	1	371 FORMALITIES (	

Date Mailed: 04/09/2007

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/16/2006
- Copy of the International Search Report filed on 08/16/2006
- Preliminary Amendments filed on 08/16/2006
- Information Disclosure Statements filed on 08/16/2006
- Oath or Declaration filed on 08/16/2006
- Reguest for Immediate Examination filed on 08/16/2006
- U.S. Basic National Fees filed on 08/16/2006
- Assignment filed on 08/16/2006
- Priority Documents filed on 08/16/2006
- Power of Attorney filed on 08/16/2006
- Specification filed on 08/16/2006
- Claims filed on 08/16/2006
- Abstracts filed on 08/16/2006
- Drawings filed on 08/16/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - Second Inventor listed as Sang-Yun Lee on Declaration and International Application. However, inventors signature is Lee Sang Yun. Please clarify.

Inda

• To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <a href="http://www.uspto.gov/ebc.">http://www.uspto.gov/ebc.</a>

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/589,550	PCT/KR04/02682	N&N-111US

FORM PCT/DO/EO/905 (371 Formalities Notice)

ERTIFICATE OF MA pplicant(s): Yeong-Tae	ILING BY "EXPRESS MAIL" NO et al.	(37 CFR 1.10)	Docket No. N&N-111US
Serial No.	Filing Date	Examiner	Group Art Unit
10/589,550	August 16, 2006		
I hereby certify that the f	NE SERVICE		
I hereby certify that the f	following correspondence:		
Return Postcard			
Return Postcard PTO-1390 + copy (4)	following correspondence:		
Return Postcard PTO-1390 + copy (4) PTO-2038 (1)	following correspondence: opy (2)		·
Return Postcard PTO-1390 + copy (4) PTO-2038 (1) Extension of Time + c	following correspondence: opy (2) etter (2)		·

Mail Stop PCT,

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 3, 2007

<u>Carmen Rodriguez</u>
(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing/Correspondence)

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